

Product datasheet for **TP723884**

Mesothelin (MSLN) (NM_005823) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human mesothelin (MSLN), transcript variant 1
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Human Mesothelin, the region of Glu296-Gly580, from gene Accession# NM_005823
Tag:	C-His
Predicted MW:	32.9 kDa
Concentration:	lot specific
Purity:	>95%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS, pH 7.2
Bioactivity:	Human Mesothelin-Fc Chimera binds to immobilized recombinant human CA125/MUC16 in a dose-dependent manner. The ED50 for this effect is 4 – 20 ng/mL.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_005814
Locus ID:	10232
UniProt ID:	Q13421
RefSeq Size:	2197
Cytogenetics:	16p13.3
RefSeq ORF:	1863
Synonyms:	MPF; SMRP



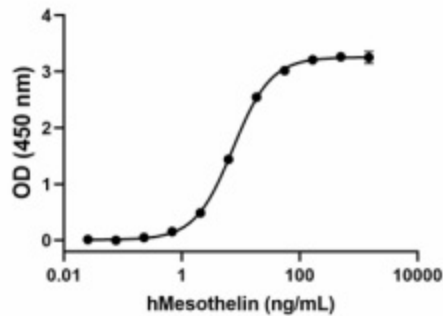
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Summary:

This gene encodes a preproprotein that is proteolytically processed to generate two protein products, megakaryocyte potentiating factor and mesothelin. Megakaryocyte potentiating factor functions as a cytokine that can stimulate colony formation of bone marrow megakaryocytes. Mesothelin is a glycosylphosphatidylinositol-anchored cell-surface protein that may function as a cell adhesion protein. This protein is overexpressed in epithelial mesotheliomas, ovarian cancers and in specific squamous cell carcinomas. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Product images:

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